



Environmental Remediation, Infrastructure Construction, Facility Support Services

Guardian Environmental Services Company, Inc.

Elkton Farm Firehole #2 UXO

Delivery Order 03-01-1-018

SDMS DocID 2211863



June 12, 2007

## ATF Compliance Inspection Report

On June 11, 2007, from 10:15 a.m. until 12:15 p.m., Everett Brogen, an Industry Operations Investigator with the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), visited the Elkton Farms Firehole site. The purpose of the site visit was to determine compliance with various ATF regulations and to calculate the maximum net explosive weight (NEW) permitted to be stored in the site magazines.

To accomplish these tasks, Agent Brogen examined the construction details of the two Type 2 magazines (which are owned by the Baltimore District of the U.S. Army Corps of Engineers) and locks to ensure compliance with 27 Code of Federal Regulations (CFR) 555.208 – *Construction of Type 2 Magazines* and took various measurements from the magazines to the nearest inhabited buildings and public highways to determine the maximum NEW permitted.

Based on his examination of the magazines (including materials of construction and specifications for thickness, methods of attachment, etc.), Agent Brogen determined that the magazines and locks are in complete compliance with ATF regulations.

To determine the maximum allowable NEW, Agent Brogen obtained the following measurements using a combination of Global Positioning System (GPS) navigation system and a range finder:

Landmark	Distance (feet)
Public highway with low traffic volume (Zeitler Road)	711 - 720
Houses, northwest end of Zeitler Road	2,693
Farm house & tenant's trailer, north of the site	2,454
Other magazine(s), ATK, south of the site	> 3,000

Using the *Table of Distances for Storage of Explosive Materials* (27 CFR 555.218), as currently sited, the Type 2 magazines at this site may be used to store up to 30,000 pounds NEW.